



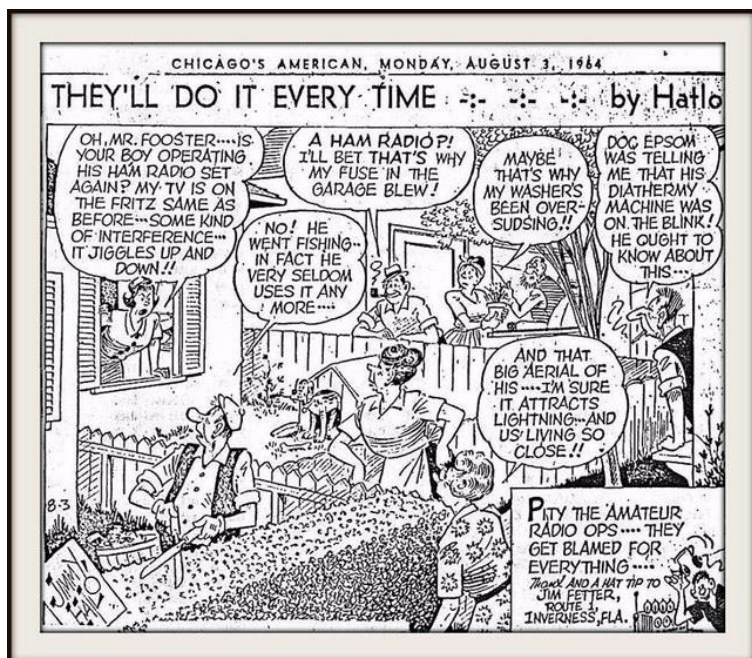
HF Happenings 822

Volume 16, Issue 32, the week of 19 November 2018

You can now download your copy of HF Happenings from www.sarl.org.za/hf_happenings.asp

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

ZS SOTA <https://zssota.wordpress.com>



The SARL Newbie Party

The Newbie Party is a fun activity to encourage all new radio amateurs to become active and takes place from 08:00 to 20:00 UTC on Saturday 24 November 2018. It is a phone only contest on 20, 40 and 80 meters. The exchange and scoring depend on the length of you being an amateur. Log sheets in MS Excel format must be submitted by 10 December 2018 by e-mail to ZS3VdK@webmail.co.za. Get all the details in the 2018 Blue Book.

Looking for a DXCC Entity?

Operators looking for a particular DX entity should check websites listing DX "planned operations" and be on for the CQWW. One such website by NG3K provides a CQ WW-specific page www.ng3k.com/misc/cqc2018.html. Special prefixes or call signs are sometimes used in contests and becoming familiar with them beforehand can save time in the contest.

ARRL Contesting

Contests.arrl.org (<http://contests.arrl.org/>) is the new place for everything about ARRL Radio Contests! The new website will organize the information by contest, with single click access to a particular event's rules, results, lists of logs received, and so on. According to *The ARRL Letter*, "... the previous Contest Results Articles web page www.arrl.org/contest-results-articles, which offers current and historical results dating back some 20 or more years, will be known as the "legacy site" going forward."

November

- 19 - Closing date for PEARS HF logs and VHF/UHF Analogue logs
- 21 - the Prophet's Birthday
- 22 - articles for the December Radio ZS
- 23 - Cape Town ARC End of Year Function at the club house
- 24 - SARL Newbie Sprint and the West Rand ARC Flea Market
- 24 and 25 - the CQ WW DX CW Contest; Origin of Trails MTD, Stellenbosch
- 28 - Stellenbosch Street Soirees
- 30 to 2 Dec - Cape Town Festival of Beer, Green point

December

- 1 - World Aids Day; start of YOTA
- December
- 1 and 2 - Linden Market, Johannesburg
- 2 to 10 - Hanukkah
- 3 - International Day for People with Disabilities
- 7 - International Civil Aviation Day
- 8 and 9 - ARRL 10 metre contest
- 10 - Closing date for Newbie logs; International Human Rights Day
- 11 - International Mountain Day
- 12 - all schools close
- 12 to 22 - Ek Lief Krismis Market, George
- 14 to 16 - Gabrielskloof Favourite Things Market, Overberg
- 14 to 23 - Parys Christmas Market, Parys
- 14 to 30 Trail of Lights, Durban
- 16 - Day of Reconciliation; Groote Post Christmas Market, Darling
- 17 - Public Holiday

Amateur Radio Furniture

Though this furniture is not targeted towards Amateur Radio Operators that build or repair things, when I saw these I thought that they could go a long way to keeping small parts organized www.theoriginalscrapbox.com/collections/furniture. There are some good ideas here, pending some changes to incorporate tools and test equipment. Add a nice rug and it could really tie the ham shack together.

Teletype

Teletype machines, those oil-drinking, paper-breathing beasts of Baudot, originally had green-coloured keys, and required occasional mechanical as well as electronic maintenance. Thirty years ago computers mostly made the mechanical devices obsolete, but the sounds and smells of the old machines live on in some basements, and discussion of state-of-the-lost-art continues on the greenkeys email reflector <http://mailman.qth.net/mailman/listinfo/greenkeys>. Now these oil-electric hybrids have a new yearly event as Jeff, WK6I, announces "Green Key Night" to run concurrently with Straight Key Night, January 1, 0000 to 2359 UTC. See the official announcement for more details <http://mailman.qth.net/pipermail/greenkeys/2018-November/044379.html>.

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)



Ceuta And Melilla, EA9. After more than 25 years, Jorge, EA9LZ, will be active as EA9LZ from Ceuta during the CQ WW DX CW Contest (24 and 25 November) as a Single-Op/Single- Band (40 m) entry. QSL via EA5KB direct or LoTW.

Senegal, 6W. Jacques, F6BEE and Franck, F8CRH plan to participate in the CQ WW CW contest as 6V7A (zone 35). Jacques may be on the air before the contest as 6W1RW. QSL via F6BEE direct or via the bureau and LoTW.

South Africa, ZS. Uli, DM5EE will be operating as ZR2A in the CQ WW CW contest using low power. QSL via DM5EE and LoTW.

Malawi, 7Q. Karl, DK2WV remains active as 7Q7W until 28 November on 40 to 6 m on SSB, CW, and FT8. QSL via DK2WV direct or via the bureau.

Chad, TT8. The Italian DXpedition Team will be active from Chad between 22 February and 7 March 2019. Callsigns will be TT8RR on SSB, CW, RTTY and TT8XX on FT8 only. Operators mentioned are Alfeo, I1HJT, Franco, I1FQH, Paolo, IW1ARB, Silvano, I2YSB, Vinicio, IK2CIO, Angelo, IK2CKR, Marcello, IK2DIA, Stefano, IK2HKT and Mac, JA3USA. Art, IK7JWY, will be the HF pilot station. Look for more details to be forthcoming and also watch www.i2ysb.com/idt

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Cape Verde, D4. Jose/CT1BOH will be using the D4C station in the contest with the call sign D41CV (IOTA AF-086, Zone 35). QSL via IK2NCJ.



Canary Islands, EA8. Bob, GU4YOX will be signing EA8/GU4YOX on 20 m single-band during the CQ WW DX contest from Fuerteventura (IOTA AF-004, Zone 33). QSL via GU4YOX direct or the bureau and LoTW.

Canary Islands, EA8. Jyrki, OH6CS operates as EA8/OH6CS from the Canary Islands (IOTA AF-004, Zone 33) between 21 and 30 November. He is active on HF and 60 m; during the contest he will be using the call sign EA8CUU. QSL via OH6CS direct. <http://oh6cs.fi/ea8.htm>

African Italy, IH9. Vaclav, OK6RA and Milan, OL3R will be activating Pantelleria (IOTA AF-016, Zone 33) for the CQ WW CW contest. They are active before the contest signing IH9/home calls on HF using CW and SSB. During the contest IH9/OL3R operates single-band on 20 m and IH9/OK6RA on 40 m. QSL via home calls. <https://ol9r.webnode.cz/>



Word to the Wise

Pareidolia - After a weekend RTTY contest, you might think you're still hearing RTTY signals in wind noise, random static, or while driving... but there's no RTTY there. This phenomenon is called Pareidolia. Your brain is trying to impose order on random sounds. You are "perceiving a familiar pattern where none exists." <https://en.wikipedia.org/wiki/Pareidolia>

2018 CQ WW SSB

Raw scores before log checking for the 2018 CQ WW SSB Contest have been posted www.cqww.com/rawcall.htm?mode=ph. A contact form is provided to report discrepancies.

Application Programming Interfaces

Application Programming Interfaces (APIs) are the new wires since more of how we process radio signals, or control equipment is about moving data from one application to another. In version 1.0.7336 of *N1MM Logger+* a new feature, "UDP Broadcast for DXers" was added, described as: "... new XML broadcast for external call sign lookup that other applications can use to improve integration. Trigger point in N1MM+: Operator uses the TAB or space key when in the call sign box. The new *DXLab N1MM to DXKeeper Gateway* takes advantage of it by doing a call sign lookup in all appropriate applications www.dxlabsuite.com/N1MM-DXKeeper/index.htm." Besides the explicit use with DXLab, this feature could be used by a DXpedition and appropriate external program to thank donors as they are worked. By exposing integration points each application can concentrate on doing what it does best. *N1MM Logger+* doesn't have to add features to support QSLing, award tracking, and QSO uploads, and *DX Keeper* doesn't have to handle contest features.

When OI' Sol erupts with CMEs (Coronal Mass Ejections), there can be real consequences. Power grids can be disrupted, satellites become unreliable or damaged, GPS can degrade. During the Vietnam War in the 1970s, CMEs were likely responsible for the premature detonation of sea mines. The CMEs influenced the Earth's magnetic field to the extent that the munitions were fooled into thinking a ship was passing near. <https://gizmodo.com/a-powerful-solar-storm-likely-detonated-dozens-of-u-s-1830321540>

When an N connector is not

John Huggins KX4O looks at the humble N coax connector and discovers not all connectors are made the same. How the N connectors we purchase are manufactured and how we assemble them into our products (like the panel example in the link below) must all comply with the dictates of MIL-STD-348 or equiv. Scrimping on any parameter deviates from the designers' intent. Read the article at www.hamradio.me/connectors/when-an-n-connector-isnt.html

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 19 to 26 November 2018

Run for the Bacon QRP Contest
02:00 - 04:00 UTC 19 November
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Band; All Band
Max power: 5 watts

Exchange: RST, state, province or country and member no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent
Multipliers: Each state, province, or country once;
Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 November 2018

E-mail logs to: (none)

Upload log at:

<http://grpcontest.com/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://grpcontest.com/pigrun/>

Phone Fray

02:30 - 03:00 UTC 21 November

Geographic Focus: North America

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA

station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 23 November 2018

E-mail logs to: (none)

Post log summary at: www.3830scores.com

Mail logs to: (none)

Find rules at:

www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 21

November and 03:00 - 04:00 UTC 22 November

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-

Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 24 November 2018

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <https://cwops.org/cwops-tests/>

RSGB 80 m Autumn Series, SSB

20:00 - 21:30 UTC 21 November

Geographic Focus: United Kingdom

Participation: Worldwide

Mode: SSB

Bands: 80 m Only

Classes: 100 W; 10 W

Exchange: other station's call, your call, serial no and your name

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 24 November 2018

Upload log at: www.rsgbcc.org/cgi-bin/hfenter.pl

Mail logs to: (none)

Find rules at:

www.rsgbcc.org/hf/rules/2018/rautumn.shtml

NAQCC CW Sprint

01:30 - 03:30 UTC 22 November

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country, NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province, or country once

Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 25 November 2018

E-mail logs to: naqcc33@windstream.net and/or jcoreyc@gmail.com

Upload log at:

http://naqcc.info/sprint_submit_log.html

Mail logs to: (none)

Find rules at:

<http://naqcc.info/sprint/sprint201811.html>

NCCC RTTY Sprint

01:45 - 02:15 UTC 23 November

Geographic Focus: North America

Participation: Worldwide

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 November 2018

E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint
02:30 - 03:00 UTC 23 November
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 25 November 2018
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.html>

CQ Worldwide DX CW Contest
00:00 UTC 24 November to 24:00 UTC 25 November
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide

Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Single Op Assisted All Band - QRP, low or high; Single Op Assisted Single Band - QRP, low or high; Single Op Overlays – classic or rookie; Multi-Single – low or high; Multi-Two; Multi-Multi
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
Exchange: RST and CQ Zone no
Work stations: Once per band
QSO Points: 0 points per QSO with same country (counts as mult); 1 point per QSO with different country same continent; 2 points per QSO with different country same continent (NA); 3 points per QSO with different continent
Multipliers: Each CQ zone once per band; Each country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 30 November 2018
E-mail logs to: (web upload preferred)
Upload log at: <http://www.cqww.com/logcheck/>
Web-to-Cabrillo form:
http://www.b4h.net/cabforms/cqwwcw_cab.php
Mail logs to: CQ WW DX Contest, Box 481, New Carlisle, OH 45344, USA
Find rules at: <http://www.cqww.com/rules.htm>

Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 28 November
QRP Fox Hunt, 02:00 - 03:30 UTC 28 November
Phone Fray, 02:30 - 03:00 UTC 28 November
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 28 November and 03:00 - 04:00 UTC 29 November
UKEICC 80 m Contest, 20:00 - 21:00 UTC 28 November
RSGB 80 m Autumn Series, CW, 20:00 - 21:30 UTC 29 November
NCCC RTTY Sprint, 01:45 - 02:15 UTC 30 November
QRP Fox Hunt, 02:00 - 03:30 UTC 30 November
NCCC Sprint, 02:30 - 03:00 UTC 30 November
ARRL 160-Meter Contest, 22:00 UTC 30 November to 16:00 UTC 2 December
Wake-Up! QRP Sprint, 06:00 - 06:29 UTC and 06:30 - 06:59 UTC and 07:00 - 07:29 UTC and 07:30 - 08:00 UTC 1 December
YARC QSO Party, 14:00 UTC 1 December to 02:59 UTC 2 December
TOPS Activity Contest, 16:00 UTC 1 December to 15:59 UTC 2 December
FT8 Roundup, 18:00 UTC 1 December to 23:59 UTC 2 December
EPC Ukraine DX Contest, 20:00 UTC 1 December to 19:59 UTC 2 December
ARS Spartan Sprint, 02:00 - 04:00 UTC 4 December

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter